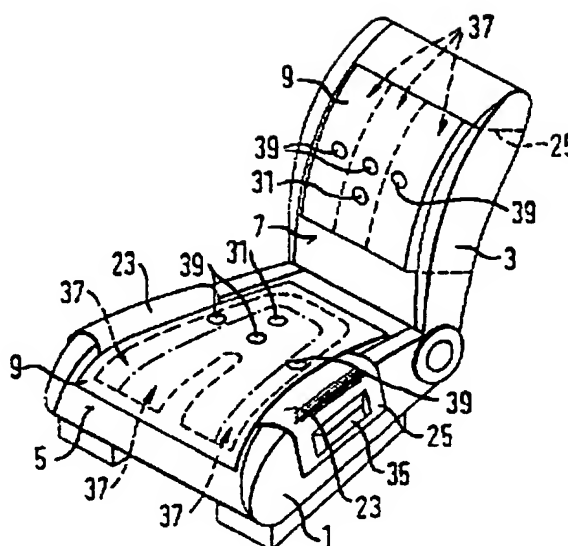


## Temperature control for motor vehicle seat

**Patent number:** DE19503291  
**Publication date:** 1996-08-08  
**Inventor:** ROEDER MANFRED DIPL ING (DE); THIELER WOLFGANG DIPL ING (DE); WYCHNANEK RAINER DIPL ING (DE); KARL ADOLF (DE); THOMAE ACHIM DR (DE)  
**Applicant:** FICHTEL & SACHS AG (DE)  
**Classification:**  
- **international:** B60N2/44; A47C7/74  
- **european:** A47C7/74; B60H1/00L; B60N2/56E4  
**Application number:** DE19951003291 19950202  
**Priority number(s):** DE19951003291 19950202

### Abstract of DE19503291

The temperature control system is built into a flexible mat (9) positioned inside the seat padding. An array of Peltier devices (11) are positioned between the mat cover and a heat conducting base layer (23, 25) which takes the heat away to side areas where it is transferred to an air stream. The Peltier devices are fitted to metal bridges (19) and are connected to the vehicle electric system. The cooling system is divided into areas of the seat and seat back which are controlled by pressure sensitive switches (39). These ensure that the cooling effect is only applied when the seat is occupied. A reversible control switch switches the cooling effect to a heating effect, to warm the seat.





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## Device for air-conditioning of motor vehicles

**Patent number:** EP1088696  
**Publication date:** 2001-04-04  
**Inventor:** SCHEID HELMUT (DE)  
**Applicant:** WEBASTO KLIMATECH GMBH (DE)  
**Classification:**  
- international: B60N2/56  
- european: B60H1/00A2; B60H1/00C; B60N2/56C4C  
**Application number:** EP20000121006 20000927  
**Priority number(s):** DE19991047567 19991002

**Also published as:**

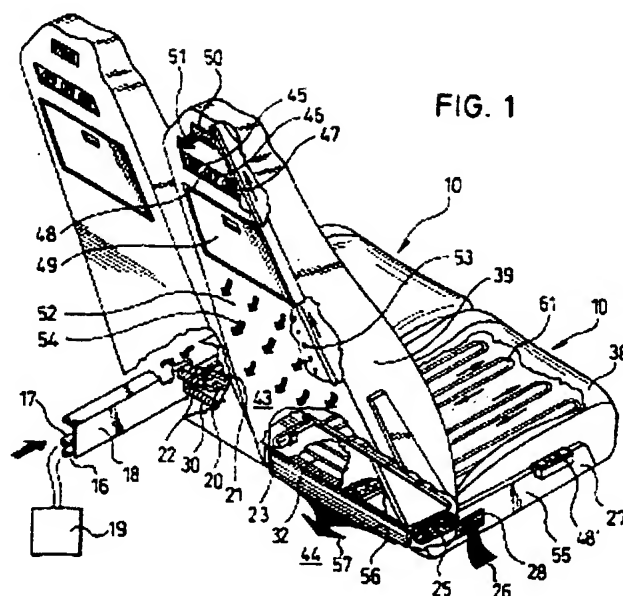
 EP1088696 (A3)  
 DE19947567 (A1)

**Cited documents:**

 FR2717747  
 EP0272789  
 EP0411375  
 EP0350896  
 DE19830797  
more >>

**Abstract of EP1088696**

The automobile air-conditioning device has a first air-conditioning unit for controlling the environment for the occupant of an automobile front passenger seat (10) and a second air-conditioning unit for controlling the environment for the passenger seated to the rear of this seat, with respective air-conditioning controls (48,48') incorporated in the seat, for easy operation by the front and rear passenger.



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